

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/007715

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 G06K17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/096032 A (TELECOM ITALIA LAB S.P.A. ET AL) 28 November 2002 (2002-11-28) page 6, line 21 - page 9, line 30 claim 1	1-7,9, 11-18, 20, 22-26, 28-38
A	WO 02/11074 A (NOKIA MOBILE PHONES LTD ET AL) 7 February 2002 (2002-02-07) page 10, line 20 - page 13, line 15	1-38
A	US 6,246,882 B1 (LACHANCE MATTHIEU) 12 June 2001 (2001-06-12) column 4, line 33 - line 51	4,25,29
A	EP 1 211 630 A (KIPP, LUDWIG) 5 June 2002 (2002-06-05) column 8, line 7 - line 19	8,10,19, 21,27

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

9 August 2005

Date of mailing of the international search report

10 11. 2005

Name and mailing address of the ISA

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Form PCT/ISA/210 (second sheet) (January 2004)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2005/007715**Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet.

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-38

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-38

System, apparatus and method for bi-directional data communication via an access point if the access point is available or unidirectional communication via an RFID transceiver if the access point is unavailable.

2. claim: 39

Access point receiving RFID transmissions from a mobile unit without interrogation.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/007715

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02096032	A	28-11-2002	CA 2447702 A1 EP 1391083 A2 IT T020010496 A1 US 2004132408 A1	28-11-2002 25-02-2004 25-11-2002 08-07-2004
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US 6246882	B1	12-06-2001	AU 2131200 A WO 0037958 A2	12-07-2000 29-06-2000
EP 1211630	A	05-06-2002	DE 60107922 D1 US 2002063622 A1	27-01-2005 30-05-2002

Form PCTASAP10 Patent family annex (January 2004)

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